

ATTORNEY DOCKET NO. 21101.0049U2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	Application of)			
	Sanchez et al	I .)	Art Unit:	Unass	signed
Appli	cation No.	10/532,198)	Examiner:	Unass	signed
Intl Fi	ling Date:	October 22, 2003)	Confirmation	No.	8394
For:	MANAGINO DATABASE	G BIOLOGICAL ES)))			

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. §1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

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I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Charley F. Brown

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(Use as many sheets as necessary)

	Complete if Known			
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	Filing Date	10/22/03		
	First Named Inventor	Sánchez		
	Group Art Unit	Unassigned		
	Examiner Name	Unassigned		

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(Ose as many sneets as necessary)		Group Art Unit Examiner Name		Unassigned Unassigned			
			U.S. PATENT I	DOCUMENTS			
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate
	A1	US 2002/0102604 A1	08/1/2002	Edwards et al.			
	A2	US 2002/0072865 A1	06/13/2002	Hogue et al.			
	A3	6,363,399 B1	03/26/2002	Maslyn et al.			
	A4	6,303,297 B1	10/16/2001	Lincoln et al.			
		FO	REIGN PATEN	T DOCUMEN	TS		
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Nar	me	Translation	Yes/No
			NON-PATENT	DOCUMENTS			
Examiner's Initials	Cite No.	Non-Pater	nt Citations (include A	uthor, Title, Publisher, R	elevant Pages, Da		
	A5	Adoutte et al., "Animal 15(3):104-108 (1999)					
	A6	Agata and Watanabe, " Cell Dev. Biol. 10:377-	Molecular and 383 (1999)	d cellular aspe	ects of plan	narian regene	eration." Semin.
	A7 Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of proteir search programs." <i>Nucleic Acids Res.</i> 25(17):3389-3402 (1997)				rotein database		
	A8	Altschul et al., "Basic Local Alignment Search Tool." J. Mol. Biol. 215:403-410 (1990)					
	A9	Baguñà and Romero, "Quantitative analysis of cell types during growth, degrowth and regeneration in the planarians <i>Dugesia mediterranea</i> and <i>Dugesia tigrina</i> " <i>Hydrobiologia</i> 84:181-194 (1981)					
	A10	Benazzi et al., "The Fis Barcelona (Spain) Belo Caryologia 25(1):59-6	ongs to the Bio	of the Plana otype G: Con	rian <i>Duges</i> nparative A	ia Lugubris Analysis of th	S.L. Found in ne Karyotypes."
	A11	Benfey P.N., "Stem cel	lls: A tale of t	wo kingdoms	" Curr. B	iol. 9:R171-	R172 (1999)
	A12	Cebrià et al., "FGFR-related gene <i>nou-darake</i> restricts brain tissues to the head region of planarians." <i>Nature</i> 419:620-624 (2002)					e head region of
	A13	Frishman et al., "Combining diverse evidence for gene recognition in completely sequenced bacterial genomes." <i>Nucleic Acids Res.</i> 26(12):2941-2947 (1998)					
	Gschwentner et al., "Stem cells in a basal bilaterian. S-phase and mitotic cells in Convolutriloba longifissura (Acoela, Platyhelminthes)." Cell Tissue Res. 304:401-(2001)				cells in 304:401-408		
	A15	Henry et al., "The Unio fusca." Dev. Biol. 220::			of the Ac	oel Flatworn	n, <i>Neochildia</i>

Examiner Signature:	Date Considered:
EXAMINER: Initial if reference considered, whether or	not citation is in conformance with MPEP 609; Draw line through citation if not in
conformance and not considered. Include copy of this for	m with next communication to applicant.



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(Us	se as many sheets as necessary)	Group Art Unit	Unassigned
		Examiner Name	Unassigned
A16	Jackson et al., "Improving Cluster Utipresented at Proceedings International (2001)		
A17	Kyrpides and Olsen, "Archael and bar or common ancestry?" Trends in Gen		
A18	Ladurner et al., "Spatial Distribution Hatchlings and Adults in the Marine Bromodeoxyuridine Analysis." Dev.	and Differentiation Pot Platyhelminth <i>Macrosto</i>	ential of Stem Cells in omum sp.: A
A19	Lander et al., "Initial sequencing and (2001)		
A20	Lawrence and Reilly, "An Expectatio Identification and Characterization of PROTEINS: Structure, Function, and	f Common Sites in Una	ligned Bipolymer Sequences."
A21	Lawrence et al., "Detecting Subtle Se Multiple Alignment," <i>Science</i> 262:20	quence Signals: A Gibl	
A22	Lillie, F. R., "Some Notes on Regeneration 34:173-177 (1900)	ration and Regulation i	
A23	Liu and Lawrence, "Bayesian Inference, 1999)	ce on biopolymer mode	els." Bioinformatics 15(1):38-
A24	Liu et al., "Bayesian Models for Mult Strategies." Journal of the American S	tiple Local Sequence A Statistical Association	lignment and Gibbs Sampling 90(432):1156-1170 (1995)
A25	Liu et al., "Markovian Structures in B Assoc. 94(445):1-15 (1999)	Biological Sequence Ali	gnments." J. Amer. Stat.
A26	Martin and Orkin, "Transcriptional ac GF-1/NF-E1/Eryf 1." Genes & Develo	ctivation and DNA bind	ling by the erythroid factor
A27	McCue et al., "Phylogenetic footprint proteobacterial genomes." <i>Nucleic Ac</i>	ting of transcription fac	tor binding sites in
A28	Neuwald et al., "Gibbs motif sampling repeats." Protein Science 4:1618-1632	g: Detection of bacteria	al outer membrane protein
A29	Newmark and Sánchez, "Bromodeox Cells of Planarians." Dev. Biol. 220:1	yuridine Specifically La	abels the Regenerative Stem
A30	Newmark and Sánchez, "Not your fat functional genomics." Nat. Rev. Gene	ther's planarian: a class	sic model enters the era of
A31	Omichiniski et al., "NMR Structure o Binding Domain of GATA-1." Science	f a Specific DNA Com	plex of Zn- Containing DNA
A32	Orkin, S.H., "Regulation of globin ge. 231:271-281 (1995)		oid cells." Eur. J. Biochem.

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		First Named Inventor	Sánchez
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A33	Robb and Sánchez, "Identification o		
	Freshwater Planarians by Means of		luorescence and Confocal
	Microscopy." Genesis 32:293-298 (
A34	Romero and Baguñà, "Quantitative		
,	freshwater planarians (Tubellaria; T		lescription of the intact
1.25	organism." Invert. Reprod. Dev 19(2		
A35	Rubin et al., "Comparative Genomic		
A36	Sachidanandam et al., "A map of hu		
127	million single nucleotide polymorph		
A37	Sánchez and Newmark, "Double-str		
A38	during planarian regeneration." Proc Natl. Acad. Sci. USA 96:5049-5054 (1999)		
A38	Sanchez et al., "The Schmidtea medi		
	studying platyhelminthes, stem cells (2002)	and regeneration." Deve	elopment 129:5659-5665
A39	Sánchez. and Newmark "The use of	nlanarians to dissect the	molecular hagis of materia
1.05	regeneration." Wound Rep. Regen. 6		molecular basis of metazoa
A40	Stanhope et al., "Phylogenetic analy		ontal gene transfers from
	bacteria to vertebrates." <i>Nature</i> 411:	940-944 (2001)	ontar gene transfers from
A41	Stormo and Hartzell, "Identifying pr		unaligned DNA fragments
	Proc. Natl. Acad. Sci. USA 86:1183-	·1187 (1989)	
A42	Toledo et al., "IN VITRO CULTUR		CEPS LARVAL CELLS AN
	CYST REGENERATION AFTER I		
	193 (1997)		`,
A43	Umesono et al., "A planarian orthop	pedia homolog is specific	cally expressed in the branch
	region of both the mature and regene	erating brain." Dev. Gro	wth Differ. 39:723-727 (199
A44	Wasserman et al., "Human-mouse ge	enome comparisons to le	ocate regulatory sites." Natu
	Genetics 26:225-228 (2000)		
A45	Williams and Zobel, "Indexing and		Patabase." IEEE Transaction
1	on Knowledge and Data Engineering	g 14(1)·63-78 (2002)	

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